Project Manager Instrumentation, Targets & Threat Simulators (PM ITTS)

Rick Copeland
PEO STRI Project Manager (Acting), PM ITTS
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PM ITTS Mission and Vision

Vision

Be THE Leader for Instrumentation, Target, and Threat System Enterprise Solutions

Mission

Provide and Operate Effective and Relevant Test, Training and Threat Capabilities in Support of the Army, and other Customers
PM ITTS Technology Snapshot

- BQM-34
- MQM-170 OUTLAW
- JUTC
- CICADA
- Virtual Targets
- RRRP
- ARTIS
- BTR-80
- MCNITR
- MQM-107 with Cruise Missile Tow Target
- AGATCS
- Data Acquisition Center (DAC)

America’s Force of Decisive Action
PM ITTS Strategic Focus Areas

- Cyber Threat / Cyber Security
  - Expanding Operational Test role
  - Emerging Developmental Test role
  - Collective Training
- Real Time Casualty Assessment (RTCA)
  - Operational Test Command preparing TCRD
  - Acquisition initiates in FY15
  - Leverage training solutions to maximum extent
- Army Live Test and Training Common Technology Initiative
  - Partnership with PM TRADE, RDECOM STTC, and resource stakeholders
- Sustainment / Growth of Partnerships
  - ATEC / Test Centers
  - Director, Operational Test & Evaluation (DOT&E)
  - Deputy Assistant Secretary of Defense, Developmental Test & Evaluation (DT&E)
  - Test Resource Management Center (TRMC)
  - CCMDs
# PM ITTS Opportunity Metrics

<table>
<thead>
<tr>
<th>Opportunity</th>
<th>TSIS 2013</th>
<th>TSIS Update 2013</th>
<th>TSIS 2014</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGATCS</td>
<td>B</td>
<td>Final</td>
<td></td>
<td>In Source Selection</td>
</tr>
<tr>
<td>ADA Targets</td>
<td>B</td>
<td>Final</td>
<td></td>
<td>In Source Selection</td>
</tr>
<tr>
<td>TIEDS</td>
<td>B</td>
<td>Final</td>
<td>SS</td>
<td>In Source Selection</td>
</tr>
<tr>
<td>ARTIS</td>
<td>B</td>
<td>B</td>
<td>B</td>
<td>PALT</td>
</tr>
<tr>
<td>JUTC</td>
<td>B</td>
<td>B</td>
<td>B</td>
<td>Pending entry to PALT</td>
</tr>
<tr>
<td>JPARC (JIADS)</td>
<td>B</td>
<td>B</td>
<td>B</td>
<td>PALT</td>
</tr>
<tr>
<td>TSOMIS</td>
<td>B</td>
<td>Final</td>
<td>SS</td>
<td>In Source Selection</td>
</tr>
<tr>
<td>E3</td>
<td></td>
<td></td>
<td>Initial</td>
<td>First time TSIS brief</td>
</tr>
</tbody>
</table>

**Legend**

- **B** - Briefed at TSIS
- **Initial** - First time opportunity briefed at TSIS
- **Final** - Final time opportunity briefed at TSIS
- **SS** - In Source Selection-not briefed
AGATCS  Army Ground Aerial Target Control System
ADA Targets  Air Defense Artillery Targets
TIEDS  Test Instrumentation Enterprise Development and Support
ARTIS  Advanced Range Tracking and Imagining System
JUTC  Joint Urban Test Capability
JPARC (JIADS)  Joint Pacific Alaska Range Complex (JPARC)
JPARC (JIADS)  JPARC Integrated Air Defense Systems (JIADS)
TSOMIS  Threat Systems Operations and Maintenance Integrated Support
E3  Electromagnetic Environmental Effects
Electromagnetic Environmental Effects (E3) Systems Modernization – IMO

Description/Summary of Program Requirements

• Replace and upgrade 27 existing E3 test capabilities at White Sands Missile Range, NM.
• Test facilities located at the Electromagnetic Radiations Effects (EMRE) Test Complex.
• Replace obsolete test support equipment.
• Replace two of four high power transmitter systems.
• Modernize fixed test laboratories, anechoic chambers, transmitter sites, 2 mobile instrumentation vans.
• Instrumentation facilities address Army test and evaluation requirements of MIL-STD 461 and 464.

ACQUISITION STRATEGY
• ID/IQ Single Award
• Outside of STOC II
• Small Business Set-Aside
• Hybrid of FFP, CPFF

PERIOD OF PERFORMANCE
• 5-years

MILESTONES
August 2014
2nd Qtr FY15
RFP Release
Contract Award

POINT OF CONTACT
Organization: PM ITTS
Phone: 407-384-5252
Email: ITTS@peostri.army.mil

FUNDING
• Estimated value is $37M
• RDT&E

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
• No current contracts
### Description/Summary of Program Requirements

- Developing lower cost, remotely operated, day/night, weatherized optical tracking and imaging system for Department of Defense.

- Key components:
  - Highly dynamic Close-In optical tracking systems that can be deployed at ground level or on elevated platforms.
  - Medium-sized Fly-Out optical tracking systems that can accommodate larger payloads.
  - Operations and control hardware/software for remote control of single and multiple optical tracking systems over network.

#### ACQUISITION STRATEGY
- Finalizing requirements documents
- Outside STOC II
- Single ID/IQ
- Full and open competition

#### PERIOD OF PERFORMANCE
- Base effort to include development, integration, and test
- Manufacturing of additional systems starting in FY19
- 5 year ID/IQ ordering period with option for an additional 5-year ordering period

#### MILESTONES
- 4th Qtr FY14: RFP Release
- 1st Qtr FY16: Contract Award

#### POINT OF CONTACT
Organization: PM ITTS  
Phone: 407-384-5252  
Email: ITTS@peostri.army.mil

#### FUNDING
- Estimated value is over $250M

#### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- No current contracts
Description/Summary of Program Requirements

- Addressing Department of Defense’s need for realistic, reconfigurable, instrumented urban test environment.
- First increment will be located at White Sands Missile Range with six Prime Mission Products: Live Urban Area (building representations); Augmented Urban Environment Effects; Data Collection, Reduction and Analysis; Test Planning and Control; Test Architecture; and Net-Centric Interoperability.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evolutionary Acquisition: First increment defined</td>
<td>Base contract in FY15 with options through FY17 to complete the procurement</td>
<td>4th Qtr FY14 Draft RFP Release</td>
</tr>
<tr>
<td>Follow-on increments will be based on greatest test capability need</td>
<td>Demonstrate performance before options are activated</td>
<td>1st Qtr FY16 Contract Award</td>
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<tr>
<td>Mix of competitive procurement and existing contract vehicles</td>
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<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
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</thead>
<tbody>
<tr>
<td>Organization: PM ITTS</td>
<td>• Central Test and Evaluation Investment Program, estimated projected funding is $95M, RDT&amp;E</td>
<td>• No current contracts</td>
</tr>
<tr>
<td>Phone: 407-384-5252</td>
<td>• Estimated value of competitive procurement is ~ $39M, RDT&amp;E</td>
<td></td>
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<tr>
<td>Email: <a href="mailto:ITTS@peostri.army.mil">ITTS@peostri.army.mil</a></td>
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</table>
Description/Summary of Program Requirements

- Full life cycle and engineering support for JPARC systems.
- Foreign and domestic acquisitions, and technical inspections.
- Tests and evaluations support.
- Mission support and training event support.
- Logistics, storage, maintenance, operations, and sustainment of JPARC systems.
- Primary location: Eielson Air Force Base, Fairbanks, Alaska.

**ACQUISITION STRATEGY**
- Full and Open Competitive Contract
- Out of STOC
- IDIQ Type contract

**PERIOD OF PERFORMANCE**
- 5-years
- (1 year base + 4 one year options)

**MILESTONES**
- 3rd Qtr FY14
- 2nd Qtr FY15
- RFP Release
- Anticipated Contract Award

**POINT OF CONTACT**
Organization: PM ITTS
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Email: ITTS@peostri.army.mil

**FUNDING**
- DoD Program Funds will be used, type of funds will be based upon individual task scopes
- Estimated value is $49M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPete)**
- No Current Army Contracts
- Bering Sea Environmental LLC is primary incumbent contractor for JPARC